PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY

PERIYAR MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

Criteria-II- Teaching Learning and Evaluation

Key Indicator	**2.3**	**Teaching Learning Process**
Metric	**2.3.1**	Student Centric Method- Problem Solving Methodology

ACADEMIC YEAR
2023-2024

DEPARTMENT OF ARCHITECTURE

CASE STUDY ANALYSIS / REAL TIME PROJECTS	
Date	06/08/2023
Guided by	Ar.S.Vithyalakshmi, Ar.Sree Bavithra, Assistant Professor, Department of Architecture
Participants	2021-26 Batch / III Year / V Semester / A Section
Description	Students of III (2021-26 Batch) year explaining their Basic Design works to the external jury member during their end semester Viva voce.

Third year students explaining their design to the external examiner

REAL TIME PROJECTS	
Date	17/11/2023
Guided by	Dr.A.Kumaresan/ Ar.N.Janani
Participants	2022-27 Batch / II Year / III Semester / A Section
Description	Basic design works of Second year students

CASE STUDY ANALYSIS	
Location (If applicable)	Urban study at Pondicherry and Triplicane
Date	23/11/2023
Guided by	Ar.J.Mullai/ / Ar.K.Chithra
Participants	2019-24 Batch / V Year / IX Semester / A & B Section
Description	Students of 5th (2019-24 Batch) year were taken for Urban study visit to Triplicane & Pondicherry to document and study the urban area to identify issues and provide possible solutions to the issues. Urban study analysis done and presented by students of 5th year students

CASE STUDY ANALYSIS / REAL TIME PROJECTS	
Date	23/11/2023
Guided by	Dr.C.V.Subramanian/ Ar.E.Uma Mouthiga
Participants	2022-27 Batch / II Year / III Semester / A Section
Description	Students of 2nd (2022-27 Batch) year presented their Architectural Design-II works to the Juror during their Viva voce.

Students of 2nd year presenting their design works

CASE STUDY ANALYSIS / REAL TIME PROJECTS	
Date	25/03/2024
Guided by	Ar.K.Jasmine Vidhya
Participants	2019-24 Batch / V Year / X Semester / A & B Section
Description	Students of 5th (2018-23 Batch) year presented their Architectural Thesis works to the panel of external reviewers

5th year student presenting her Architectural thesis works during an external review

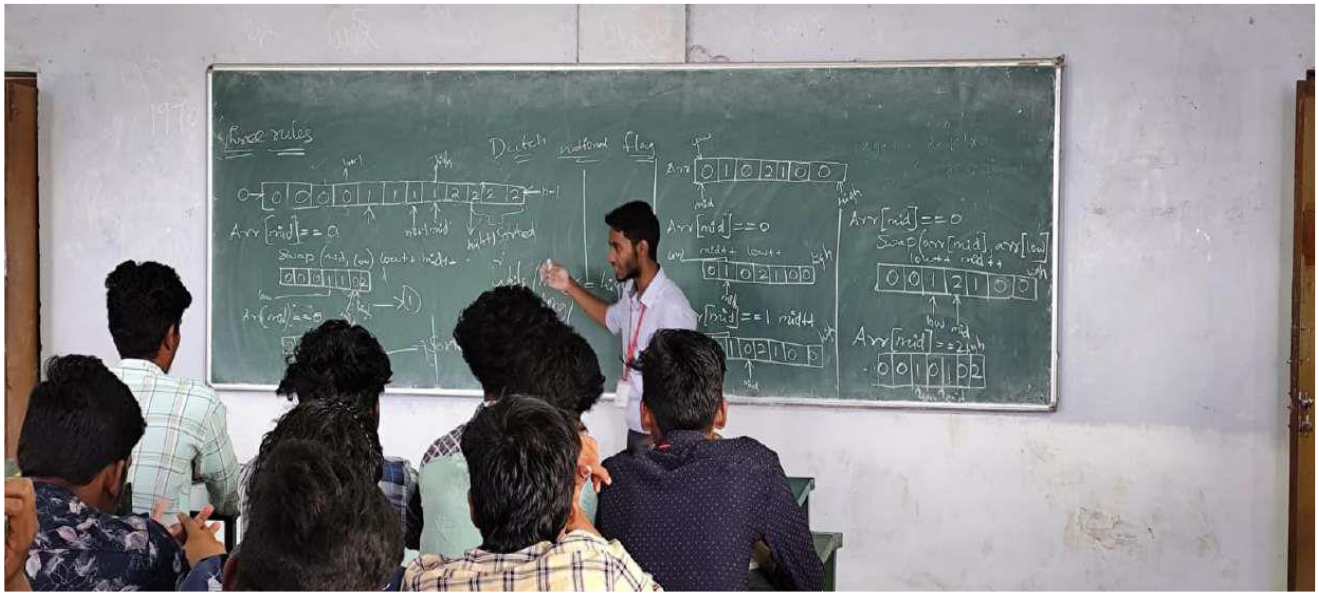
CASE STUDY ANALYSIS / REAL TIME PROJECTS

Date	04/02/2024
Guided by	Ar.S.Vithyalakshmi
Participants	2020-25 Batch / IV Year / VIII Semester / A & B Section
Description	Students of 4th (2019-25 Batch) year presented their Practical training works compilation to the external reviewer during their end semester viva voce

4th year student presenting her Practical training works during the external review

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

CASE STUDY ANALYSIS / REAL TIME PROJECTS	
Location (If applicable)	PMIST
Date	August 2023- November 2023
Faculty Accompanied / Guided by	Dr. D.Ruby, Associate Professor, Department of CSA
Participants: Batch/ Year/ Semester/Section	2022-2025
Description	Conducting Problem Solving to II year students.



PROBLEM SOLVING

Course Code: XCA303
Course Name: Visual Programming

Batch : 2022-2025

Year: II C August 2023– November 2023

The problem were identified and assigned to the group of students were mentioned below;

1. Tsunami Stations in Underwater
2. Olymic Sports
3. Study of Earthquake
4. Waste to wealth
5. Underground Minerals System
6. Energy Conservation System
7. Satellite Sensing System
8. Coal and Natural Gas System
9. Crop Sprinkler System
10. Sensor System
11. Networking System
12. Medical Instruments System

Rules

A Project is designed with minimum 6 forms + 1 MDI form

1. Include the Menu bar
2. Add the MDI Form
3. Place the GUI control
4. Place the Advanced Control
5. Insert the DAO control

Forms Created by the Students;

DEPARTMENT OF CIVIL ENGINEERING

GROUP DISCUSSIONS	
Date	23.04.2024
Faculty Accompanied / Guided by	Dr. J. Santhosh, Assistant Professor(SG), Department of Civil Engineering
Participants: Batch/ Year/ Semester/Section	2023-2025/I/II/A M. Tech Environmental Engineering Students

Description	PROBLEM SOLVING- 10.4.2024

Choose any one of the activities

Students can form different groups

Solution Proposal

- Students brainstorm and propose solutions for each identified issue.
- Solutions should involve optimizing microbial interactions, adjusting environmental conditions, /introducing new microbial species/ new treatment methods and processes

Group Discussion

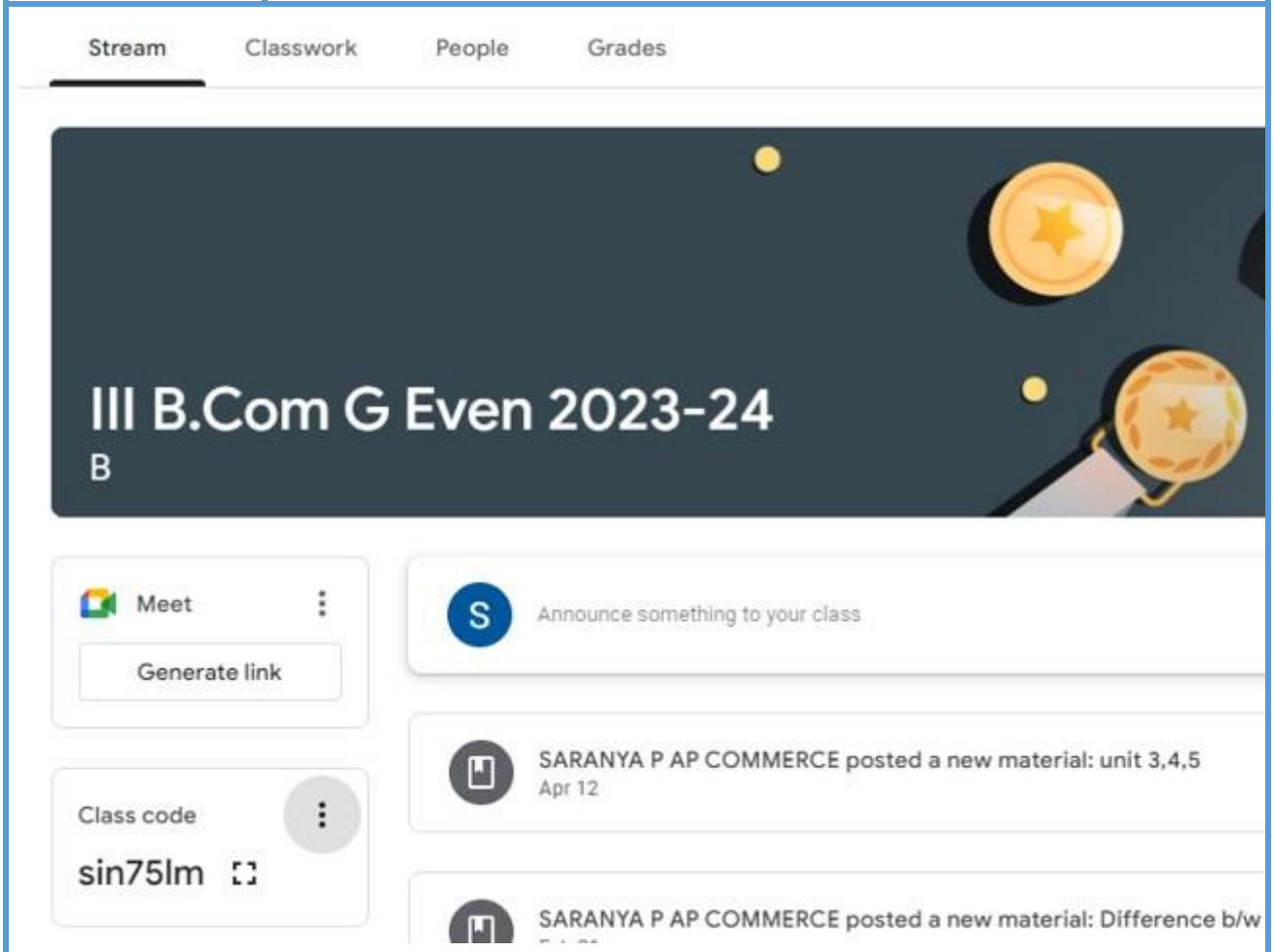
- Each group presents their optimized biological treatment solution to the class.
- Encourage discussion and feedback from other students, emphasizing the rationale behind each decision

DEPARTMENT OF COMMERCE

Problem Solving Methods	
Location (If applicable)	PKC Extension 206 Classroom
Date	07.02.2024
Faculty Accompanied / Guided by	**Mr.B.Ramesh Kanna Teaching Assistant, Department of Commerce**
Participants: Batch/ Year/ Semester/Section	2022-25 / II B.Com CS / IV Semester
Description	**XCR402- Financial Management** **Time Value of money**

CASE STUDY ANALYSIS / REAL TIME PROJECTS	
Location (If applicable)	Google class room
Date	24.01.2024
Faculty Accompanied / Guided by	P.SARANYA, Assistant Professor, Department of commerce

Participants: Batch/ Year/ Semester/Section	2021-24 / III / VI / A
Description	Problem given from Comparative Statement



Location (If applicable)	Google Classroom
Date	13.03.2024
Faculty Accompanied / Guided by	**Ms.K.Mehala, Assistant Professor ,Department of Commerce**
Participants: Batch/ Year/ Semester/Section	2023-25 / I M.Com A / II Semester
Description	Enterprise resource planning